

Figure 1

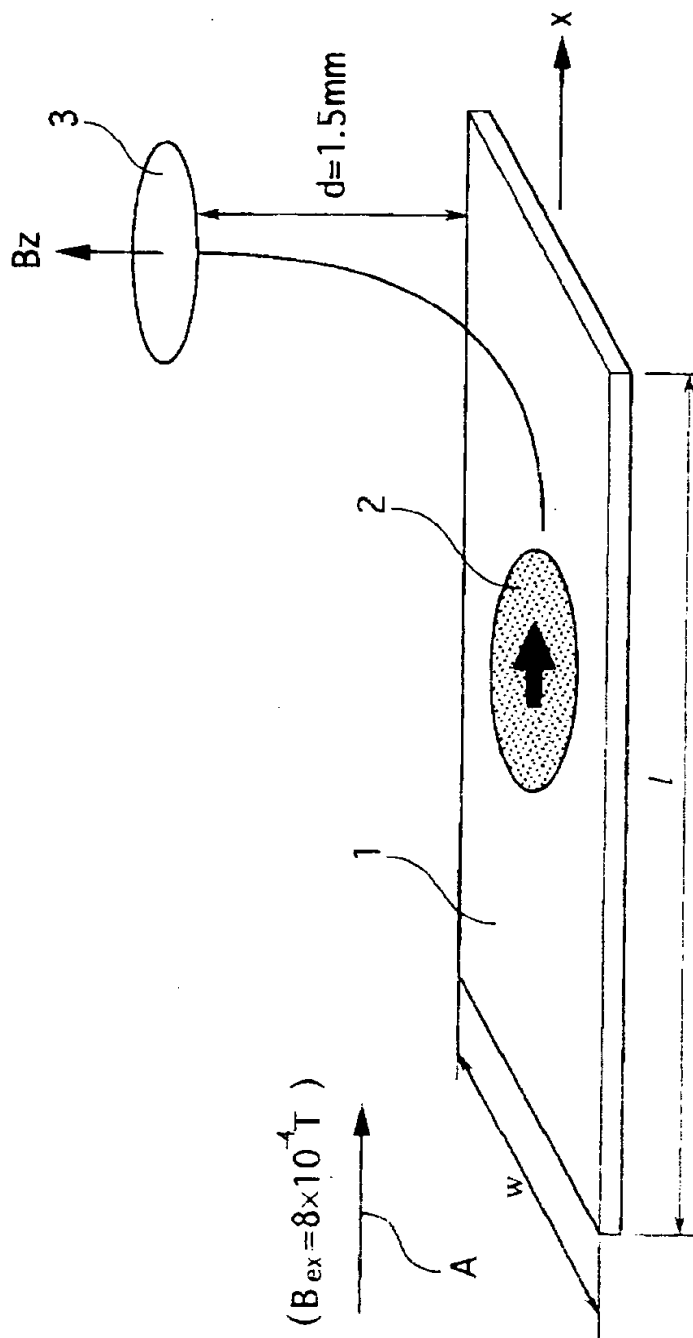


Figure 2

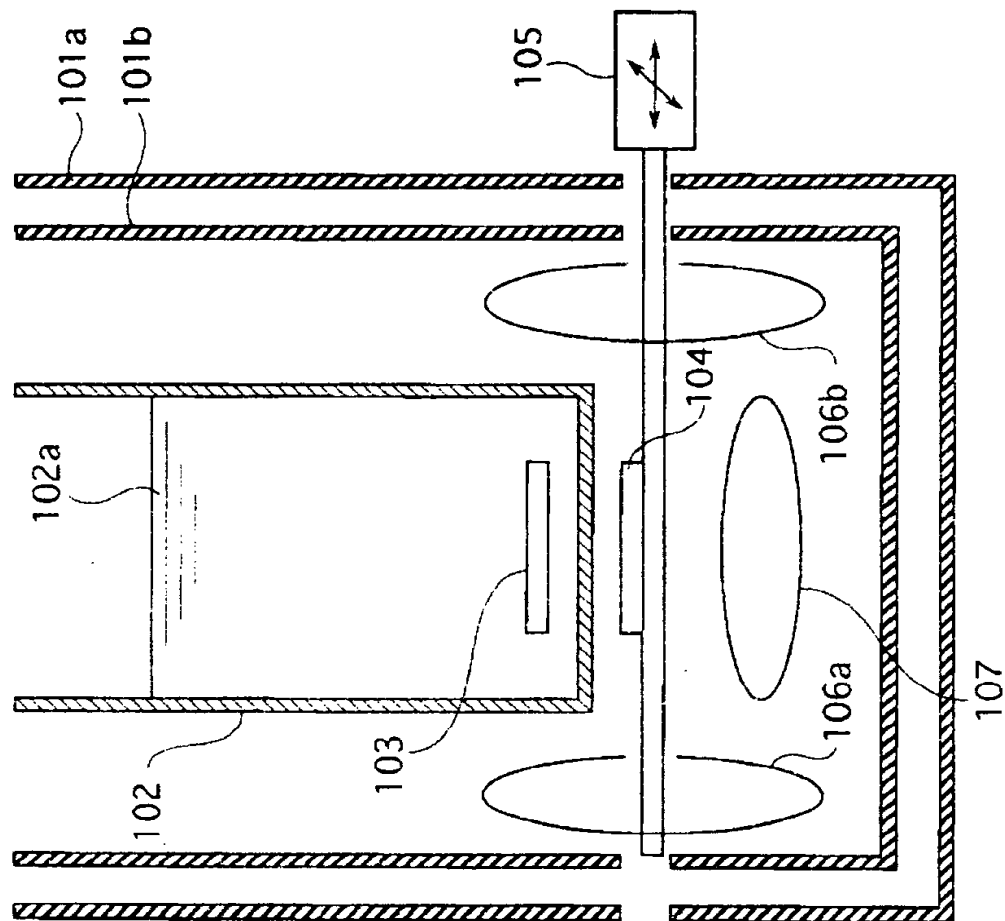


Figure 3

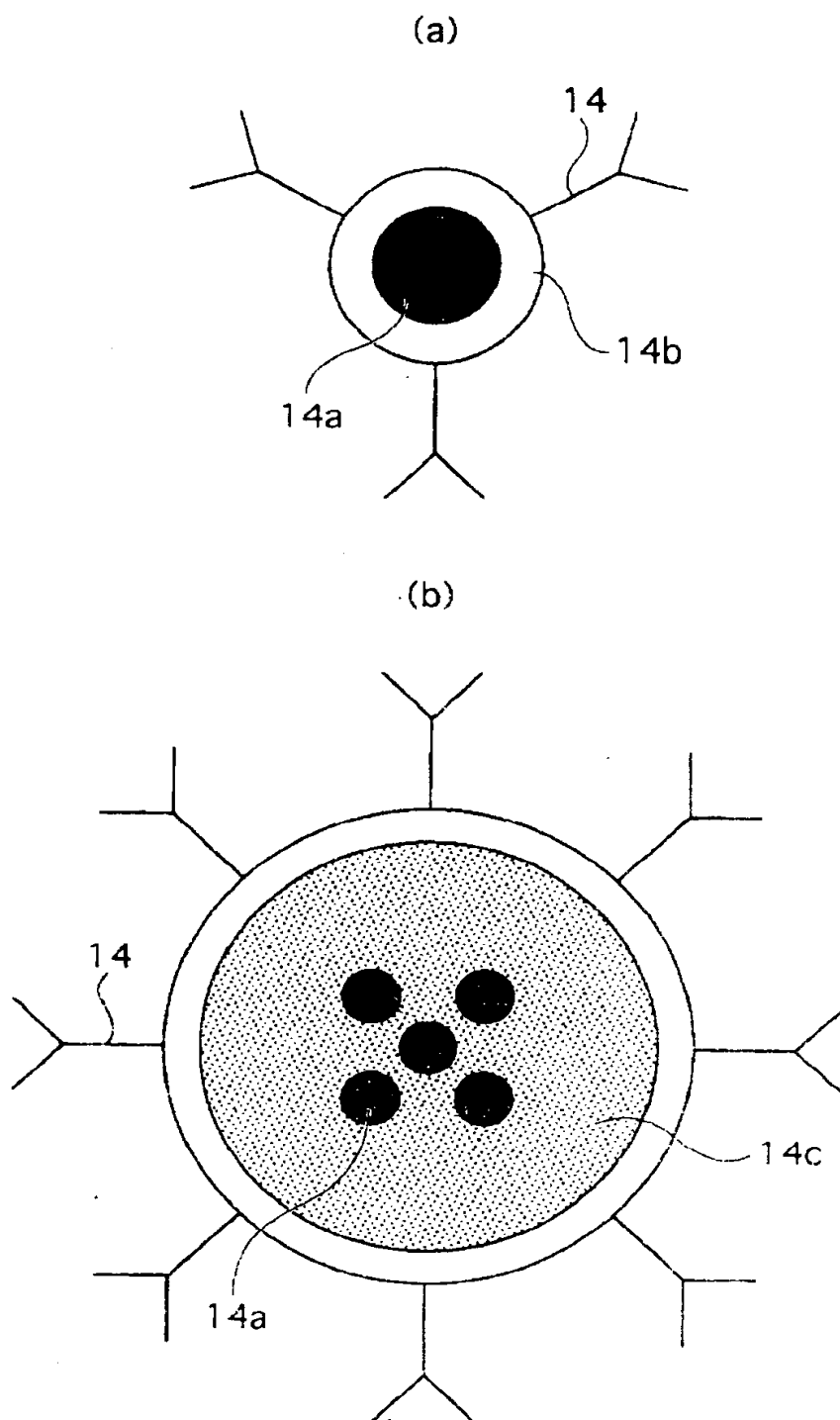
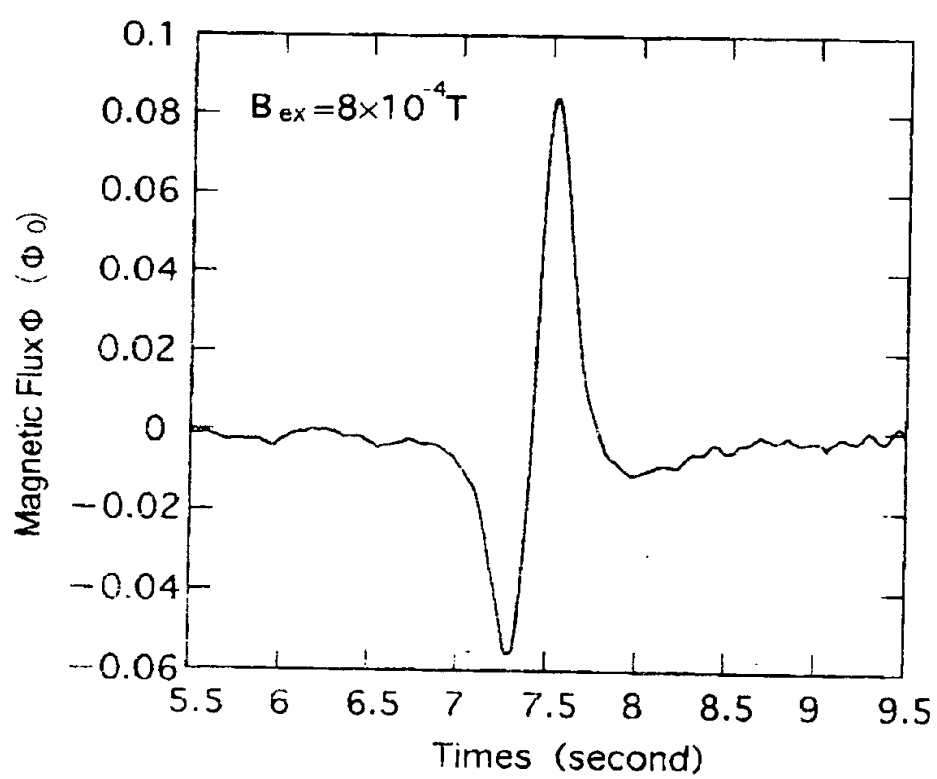


Figure 4



A scatter plot showing the relationship between Magnetic Flux Φ (in units of Φ_0) on the y-axis and Weight (in ng) on the x-axis. The y-axis is logarithmic, ranging from 10^{-3} to 10^0 . The x-axis is also logarithmic, ranging from 10^{-1} to 10^3 . Data points are categorized by type: A-Type (solid circles) and B-Type (open squares). A legend in the upper left corner identifies these symbols. The plot shows a general positive correlation between weight and magnetic flux for both types, with A-Type particles generally having higher flux for a given weight compared to B-Type particles.

Type	Weight (ng)	Magnetic Flux Φ (Φ_0)
A-Type	~0.8	~0.0015
A-Type	~1.5	~0.0035
A-Type	~3.5	~0.007
A-Type	~10	~0.012
A-Type	~15	~0.025
A-Type	~35	~0.07
A-Type	~350	~0.7
B-Type	~2.5	~0.0025
B-Type	~10	~0.012
B-Type	~60	~0.1
B-Type	~100	~0.15

